
CURRICULUM VITAE - GILBERT A. BOISSONNEAULT, Ph.D., PA-C, DFAAPA

Updated: January 11, 2019

I. GENERAL INFORMATION

Home Address: 738 Old Plantation Road, Charleston, SC 29415

Home Telephone: (859) 492-2860

Office Address: Division of Physician Assistant Studies

College of Health Professions

Medical University of South Carolina

Charleston, SC 29425-9620

Office Telephone: (843) 792-3648

Office FAX: (843) 792-0506

Electronic Mail: gaboiss@musc.edu

II. EDUCATION

- 1977, Michigan State University, B.S., Nutritional Sciences.
- 1982, University of Illinois, Ph.D., Nutritional Sciences.
- 1996, University of Kentucky, M.S.L.S., Library and Information Sciences.
- 2001, University of Kentucky, B.H.S., Physician Assistant Studies.

III. PROFESSIONAL EXPERIENCES

- August 1977 to August 1978: US Peace Corps volunteer in Ratchabury Province, Thailand.
- September 1978 to August 1982: Candidate for Ph.D. degree, Department of Food Science, University of Illinois, Urbana, IL.
- August 1982 to May 1984: Postdoctoral trainee at the Jackson Laboratory, Bar Harbor, ME.
- June 1984 to July 1985: Postdoctoral trainee in the Department of Nutritional Sciences, University of Wisconsin, Madison, WI.
- August 1985 to December 31, 1985: Research Associate in Department of Food Microbiology and Toxicology, University of Wisconsin, Madison, WI.

IV. ACADEMIC APPOINTMENTS

- Full-time appointment as Professor with tenure and Physician Assistant Studies Program Director at the Medical University of South Carolina, College of Health Professions, Department of Health Professions, Division of Physician Assistant Studies, January 1, 2012 to present.
- Full-time, regular title series appointment as Assistant Professor (January 2, 1986 to June 30, 1991), Associate Professor with tenure (July 1, 1991 to June 30, 1995), and Professor with tenure (July 1, 1995 to December 31, 2011) at the University of Kentucky, College of Health Sciences, Department of Clinical Sciences, Division of Clinical Nutrition.
- Joint appointment in Graduate Center for Toxicology, University of Kentucky, 1987 to 1999.
- Joint appointment in the Graduate Center for Nutritional Sciences, University of Kentucky, 1989 to 2011.
- Joint appointment in the Division of Physician Assistant Studies, College of Health Sciences, Department of Clinical Sciences, University of Kentucky, 2003 to 2011.

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- Chair of Department of Clinical Sciences (July 1, 1995 to June 30, 1999), College of Health Sciences (formerly Allied Health Professions), University of Kentucky.
- Interim Director of the Division of Physician Assistant Studies, Department of Clinical Sciences, College of Health Sciences, University of Kentucky, October 1, 2003 to June 30, 2005, July 1, 2010 to June 30, 2011.
- Didactic Coordinator, Division of Physician Assistant Studies, Department of Clinical Sciences, College of Health Sciences, University of Kentucky, July 1, 2009 – June 30, 2010.
- Professor, Division of Physician Assistant Studies, Department of Health Professions, College of Health Professions, Medical University of South Carolina, January 1, 2012 to present.
- Division Director, Division of Physician Assistant Studies, Department of Health Professions, College of Health Professions, Medical University of South Carolina, January 1, 2012 to September 30, 2016.

V. HOSPITAL OR CLINICAL APPOINTMENTS

- Family practice Physician Assistant (part-time) in solo practice of Dr. Paul E. McLaughlin (direct supervisor), Mt. Sterling, KY, August 1, 2001 to December 31, 2011.
- Occupational medicine (part-time, PRN), Georgetown Community Hospital, Dr. Benjamin Lyon (direct supervisor), Georgetown, KY, August 1, 2001 to June 30, 2011.
- Emergency medicine (part-time, PRN), Georgetown Community Hospital, Dr. Philip Wagner (direct supervisor), Georgetown, KY, May, 2001 to June, 2006.
- Family practice Physician Assistant (part-time) with St. Andrew's Christian Clinic (free clinic), Dr. Paul Deaton (direct supervisor), Mount Pleasant, SC, October 2016 to present.

VI. CONSULTING ACTIVITY

- Pfizer Global Pharmaceuticals, June 2005, advisory board for Physician Assistants and Pfizer: A partnership in Cardiovascular Care.

VII. TEACHING ACTIVITY

University of Kentucky:

Nutrition:

- “Current Topics in Clinical Nutrition”, (CNU/NS 602), Spring 1988-1990, 1999-2000, 2002, 2003, 2005.
- “Nutritional Immunology”, (CNU/NS 608), Spring 1986-1996, 1998, 2000, 2002, 2008.
- “Ethics in Clinical Sciences Research”, (CNU/NS 609), Spring 2003, Fall 1996-2001, 2003-2007, Spring and Fall 2009.
- “Nutritional Assessment”, (NS 640), lectures on clinical assessment and acid-base disorders, Fall 2001-2007.
- “Advanced Clinical Nutrition”, (CNU/NS 704 – contributed lectures in this team-taught course), Spring 1987-2001.
- “Clinical Nutrition Internship”, (CNU/NS 702), contribute to patient reviews and student discussions, Fall 1987-1994, 1996.
- “Clinical Nutrition Seminar”, (CNU/NS 781), Instructor for Spring 1988-1996, attend and contribute to student questioning and discussions, Spring 1997.
- “Applied Nutrition and Disease Prevention”, (CNU/NS 602), instructor and course coordinator, Spring 2007,

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2008.

- “Clinical Nutrition”, (CNU 800 – 6 contact hours), Spring 2004, summer 2005-2006.
- “Applied Nutrition for the Health Profession”, (CNU 503, formerly CNU 800), summer 2007-2009.
- “Clinical Nutrition Research” (NS 790), Fall, Spring, Summer 1990-2004.
- “Topics in Nutritional Sciences”, (NS 651), Spring 1990, 1992, 1995, 1997.
- “Graduate Seminar in Nutritional Sciences”, (NS 771), Spring 1989, Fall 1995.
- “Special Problems”, in Nutritional Sciences (CNU 782, 3 credit hours), directed study in nutritional immunology for Nursing doctoral student, Fall 2007.

Physician Assistant Studies:

- “Masters Project I”, (PAS 645), student advisor (2003-2013) and course coordinator (Fall 2009-2011).
- “Masters Project II”, (PAS 646), student advisor (2003-2013) and course coordinator (Spring 2011).
- Proseminar II, (PAS non-credit course – taught one case-study small group, 8 contact hours), Fall 2005.
- Proseminar III, (PAS non-credit course – coordinator), Spring 2011.
- “Clinical Methods”, (PAS 650), Responsible for one laboratory section of 20 students, meet 3 hours per week, Fall 2004 and 2011, guest laboratory instructor, Fall 2008 (December 2).
- “Clinical Laboratory Procedures”, (PAS 657), Fall 2004-2006.
- “Introduction to Health and Disease”, (PAS 653), Summer 2005-2011.
- “Research Methods and Epidemiology”, (PAS 610), Summer 2008-2011.
- “Clinical Lecture Series II”, (PAS 658 – arthritis lectures, 5 contact hours), Spring 2004-2008.
- “Patient Evaluation and Management”, (PAS656 – Laboratory instructor, Spring 2005, Spring 2011.

Other:

- “Patient-Centered Medicine”, (MD 815/825, previously “Healthy Human”), small group preceptor and lecturer, 2003-2010.
- “Oral Biology Post-Graduate Dental Students II”, (OBI 651, 2 credit hours), coordinated session on nutrition and oral health, 2008-2011.
- “Experiential Education”, (EXP 396/397, 3 credit hours), directed study on influenza vaccination success for one senior Biology student, Fall 2006-Summer 2, 2007.
- “Ethics in Health Practice”, (CLM 840 – taught one section on Ethics and Reproductive Technologies, 2 contact hours), Fall 2007.
- “Cellular Structure and Function”, (BCH 819 - lectures on carbohydrates and nutrition, body composition and energy balance), Fall 1993-1994, 1996.
- “Clinical Immunology” (CLS 835 - lecture on nutrition and immunity, 2 contact hours), Spring 1996-1999.
- “Reproductive Laboratory Science”, (RLS 520) - lecture/discussion on clinical ethics, Spring 1999-2000.

Medical University of South Carolina:

- “Clinical Problem Solving: A problem-based learning approach”, (PA 617, 618, 619, 1 credit hour each, one small group), Fall 2012, 2015, 2016 Spring 2012, 2013, 2017, Summer 2012, 2016, 2017.
- “Clinical Problem Solving: A problem-based learning approach”, (PA 618, 1 credit hour each, Course co-coordinator), Spring 2018.
- “Human Physiology and Basic Pathophysiologic Concepts”, (PA 643, 3 credit hours), Summer 2012-2018.

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- “Pathophysiology 1”, (PA 662, 3 credit hours), Fall 2012-2018.
- “Pathophysiology 2”, (PA 663, 3 credit hours), Spring 2013-2019.
- “Introduction to the Physician Assistant Profession”, (PA 609, 1 credit hour), Summer 2014.
- “Fundamentals of Clinical Medicine 1”, (PA 614, 6 credit hours), lecture on Hyperlipidemia, Fall 2015-2018.
- “Fundamentals of Clinical Medicine 2”, (PA 615, 6 credit hours), lecture on Malabsorption, Maldigestion and Nutrition Therapy, Spring 2016-2019.
- “Physical Diagnosis and Clinical Applications 1”, (PA 627, 2 credit hours), lab assistance fall 2015 (pulmonary, abdomen, course evaluation), 2016 (vitals, HEENT, abdomen, course evaluation), 2017 (weekly).
- “Physical Diagnosis and Clinical Applications 2”, (PA 628, 2 credit hours), lab assistance spring 2016 (joint injection), 2017 (phlebotomy, injections, joint injection, ECG, spirometry, NG tube placement, course evaluation), 2018, 2019 (nail removal, nail trephination, abscess incision and drainage).
- “Pathophysiology”, (CVP 718, 5 credit hours), Fall 2017-2018.
- “Interprofessional Day 1st Year Student Group Facilitator”, (IP 710), January 2012, 2015-2019.

University of Debrecen, Hungary:

- “Optional Course in Clinical Nutrition” (1 credit, 8 contact hours), taught to 207 medical, dental and pharmacy students in the English language programs, October 11 and 12, 2008.

Continuing Education/Workshops:

- Clinical Nutrition Continuing Education series (offered through the College of Allied Health Professions, Office of Continuing Education):
- “Fad diets: Fact or fiction”, 1986.
- “Diet and Cancer Risk”, 1989.
- September 1989: Workshop presented to the Western District of the Kentucky Dietetic Association (coordinated by the East Central AIDS Education and Training Center, Kentucky Site) - “Nutritional Aspects of AIDS for Dietitians”.
- “Nutritional Aspects of AIDS”, 1990.
- “Vitamins and minerals in health and disease: New insights”, 1991.
- “Nutritional Status and Care of the Cancer Patient”, 1993.
- “High Protein Diets”, 2003-2004.

Other:

- Participated in the “Writing-Across-the-Curriculum Workshop”, June 29 - July 2, 1987. Sponsored by the Office of the Vice Chancellor for Academic Affairs and the Department of English, University of Kentucky.
- Participated in a “Instructional Skills in the Health Professions” workshop, November 28-30, 1989. Sponsored by the College of Allied Health Professions (Teaching Improvement Project System - TIPS), University of Kentucky.
- June-August 1991, 1994, 1999, 2002: Faculty supervisor of Summer Student Program, The Jackson Laboratory, Bar Harbor, ME. (Program involves high school, college and graduate student participation in laboratory research.)

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- Participated in the “SuperVISION” Workshop, May 5-9, 1997. Sponsored by the Office of Human Resources, University of Kentucky.
- Participated in “Blackboard” workshop, November 30, 2004. Sponsored by University of Kentucky TASC center.
- Participated in “TAS 301: Building Online Community” Blackboard workshop, February 20, 2007. Sponsored by University of Kentucky TASC center.
- Participated in [CLA]ssroom Performance Task Academy workshop, May 28-29, 2009. Sponsored by the University of Kentucky Office of Assessment.
- Participated in “Employee Relations 101”, January 24, 2012, sponsored by the Department of Human Resources Management, Medical University of South Carolina.
- Participated in “Handling Controversial Issues” professional development program, February 2, 2012, sponsored by the National Coalition Building Institute, Medical University of South Carolina.
- Participated in “MUSC Excellence Leadership Development Institute IX”, April 20, 2012; “MUSC Excellence Leadership Development Institute X”, November 16, 2012, sponsored by the Department of Human Resources Management, Medical University of South Carolina.
- Participated in “MUSC Mentoring Retreat”, May 3, 2013, sponsored by SCTR Mentor Leadership Counsel and MUSC’s Apple Tree Society, Medical University of South Carolina.
- Participated in “*On Leadership: Individual Development and Succession Planning*”, Fall 2013, Spring 2014, sponsored by the College of Health Professions, Medical University of South Carolina.
- Participated in the Accreditation Review Commission on Education for the Physician Assistant “Annual Summer Accreditation Workshop” in Saint Louis, MO, July 21-23, 2013.
- Participated in Accreditation Review Commission on Education for the Physician Assistant-sponsored presentations (Thursday, Saturday) at the Physician Assistant Education Association 2014 Annual Education Forum, Philadelphia, PA, October 15-19, 2014.

VIII. ADVISING ACTIVITY

University of Kentucky Master's Degree Committees - Graduates:

- Division of Clinical Nutrition, 58 since 1987.
- Department of Animal Science, 3 since 1987.
- Department of Nutrition and Food Science, 7 since 1988.
- Graduate Center for Toxicology, 1 since 1990.
- Graduate Center for Nutritional Sciences, 24 since 2001.
- School of Public Health, 2 since 2001.

University of Kentucky Doctoral Degree Committees - Graduates:

- Department of Animal Sciences, 20 since 1991.
- Department of Microbiology and Immunology, 2 since 1993.
- Graduate Center for Nutritional Sciences (formerly the Multidisciplinary Ph.D. Program in Nutritional Sciences), 17 since 1991.
- Graduate Center for Toxicology, 6 since 1990.

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University of Kentucky Theses Directed or Co-directed:

- Michael Hayek, Ph.D., 1991, Multidisciplinary Ph.D. Program in Nutritional Sciences, Co-director.
- Derek Schramm, Ph.D., 1996, Multidisciplinary Ph.D. Program in Nutritional Sciences, Co-director.
- Mary Cheatham, Ph.D., 1998, Multidisciplinary Ph.D. Program in Nutritional Sciences, Director.
- Susan Bogardus, Ph.D., 2000, Graduate Center for Nutritional Sciences, Director.
- Joseph Layne, MSCN, 2001, Division of Clinical Nutrition, Director.
- Amy Ward, MSCN, 2001, Graduate Center for Nutritional Sciences, Director.
- Joseph Layne, Doctoral candidate (withdrawn 2009), Graduate Center for Nutritional Sciences, Director.

Other:

- Hilda Kilama, University of Wolverhampton, Wolverhampton, UK, supervision of senior research project (1994-1995).
- Jennifer Raisley, Graduate Center for Nutritional Sciences, rotation research project director (2004).
- Jason Meyer, University of Kentucky undergraduate pre-med major, faculty advisor for Academic Internship (EXP 396-397), July 2006 to August 2007.
- Dustin Cooper, masters candidate, Graduate Center for Nutritional Sciences, research project director (2007).
- Madhura Parulkar, masters candidate, Graduate Center for Nutritional Sciences, research project director (2007-2008); recipient of College of Health Sciences masters degree research award recipient (2009).
- Maria Kirkpatrick, University of Kentucky undergraduate biology major, faculty advisor for Independent Work in Biology (BIO 395), January 2008-May 2008.
- Cristina Kreinest, University of Kentucky undergraduate biology major, faculty advisor for Independent Work in Biology (BIO 395), January 2008-December 2008.

IX. ADMINISTRATIVE ACTIVITY AND UNIVERSITY SERVICE

University of Kentucky, Department of Clinical Sciences:

- Computer Committee, 1988-1995 (Chair 1988-1990).
- Radiation Sciences Faculty Search Committee, 1990.
- Clinical Laboratory Sciences Faculty Search Committee, 1990.
- Clinical Nutrition Faculty Search Committee, 1990, 1991.
- Director of Graduate Studies, Division of Clinical Nutrition, 1991-1995.
- Department Chairman, 1995-1999.
- Division of Clinical Nutrition, Department of Clinical Sciences WWW "PageMaster", 1997-2000.
- Division of Clinical Nutrition, Acting Division Director, January-June, 2002.
- Department Chair Search Committee, 2002-2003.
- Interim Director, Division of Physician Assistant Studies, October 1, 2003-June 30, 2005, July 1, 2010 to June 30, 2011.
- Division of Physician Assistant Studies, Faculty Search Committee (Chair), 2004.
- Division of Physician Assistant Studies, Standards Committee, 2004-2006, *ex officio* 2010-2011.
- Division of Physician Assistant Studies, Didactic Curriculum Committee, 2004-2007, 2009-2010 (Chair 2009-

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2010), *ex officio* 2010-2011.

- Division of Physician Assistant Studies, Final Examination Task Force, 2005-2006.
- Division of Physician Assistant Studies, Clinical Curriculum Committee, 2006-2007 (Chair 2006-2007).
- Division of Clinical Leadership and Management, Faculty Search Committee, 2007.
- Division of Physician Assistant Studies Web Master, 2009-present.
- Division of Physician Assistant Studies, Didactic Curriculum Coordinator, 2009-2010, *ex officio* 2010-2011.
- Division of Physician Assistant Studies, Alumni Committee, *ex officio* 2010-2011.
- Division of Physician Assistant Studies, Recruitment and Admissions Committee, *ex officio* 2010-2011.
- Division of Physician Assistant Studies, Clinical Curriculum Committee, *ex officio* 2010-2011.
- Division of Clinical Laboratory Sciences, Division Director Search Committee, 2010.

University of Kentucky, College of Health Sciences (formerly Allied Health Professions):

- Student Affairs Committee, 1986-1989, 2003-2005.
- Ad Hoc Committee on College of Allied Health Professions Reorganization, 1987.
- Ad Hoc Committee for Periodic Review of the Physical Therapy Department, 1988 (Chair).
- Rural Health Initiative, Curriculum Task Force, 1990-1992 (Co-Chair).
- Selection Committee for the Richard D. Kingston Award for Excellence in Teaching, 1991-1996 (Chair 1991 and 1995).
- Annual Performance Review Evaluation Committee, 1991 (Chair).
- Alpha Eta Chapter Steering Committee, 1991-1993 (Chapter treasurer/secretary).
- Academic Affairs Committee, 1993-1996, 2003-2006 (Chair 1994-1996).
- Faculty Council, 1994-1995, 2001-2003, 2006-2008, 2011- 2013 (Chair 1994-1995, 2002-2003, 2007-2008; chair elect 2006-2007).
- Computing Committee, 1994-1997.
- Self-Study Steering Committee, 1995-1996.
- CAHP Administrative Council, 1995-1999.
- CAHP Telephone System CQI Team, 1995-1996.
- Rural Health Studies Advisory Committee, 1995-1999.
- CAHP Mission Review Task Force, 1997 (Co-Chair).
- Department of Health Services (Health Services Management) Faculty Search Committee, 1997.
- Physician Assistant Studies Self-Study Student Committee, 1998.
- MIT (Manager of Information Technology) Search Committee, 1998.
- CQI Committee, 2002-2004.
- CHS Award for Excellence in Research Committee, Alternate member, 2005.
- Promotion and Tenure committee, 1991-1993, 2004-2005, 2006-2007.
- Ad Hoc Committee for Academic Affairs Enhancement Program, 2007.
- Division of Clinical Leadership and Management, Faculty Search Committee, 2007-2008.
- CHS Ad Hoc Committee for Academic Affairs Enhancement Program, 2007-2009.
- CHS Practice Plan Committee, 2009-present.
- CHS International Committee, 2009-2011.
- CHS Student Learning Outcomes Assessment Committee (Provost Initiative), Physician Assistant Studies representative, 2009-present.

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- Rehabilitation Sciences Department Chair Search Committee, 2009-2010.
- CHS Faculty Development in Instruction Advisory Committee, 2009-present.
- Department of Rehabilitation Sciences Review Committee, 2010 (Chair).
- Department of Clinical Sciences Review Committee, 2010.
- Physician Assistant Studies Class of 2012 Faculty Advisor, 2010-2012.
- Department of Clinical Sciences 2-4 Year Review Committee, 2010-present.

University of Kentucky, Medical Center:

- Student Affairs Committee, 1986-1988.
- Academic Council, 1988-1990.
- Library Advisory Committee, 1990-1994.
- Search Committee for Director of Medical Center Library, 1993 (Chair).
- Advisory Group for MCFACETS project "Using Collaborative Work Technology in Community Health Nursing Instruction", 1995-1999.
- E.O. Robinson Forest Project Advisory Group, 1995-1999.
- Faculty Database Design Committee, 2002-2003.

University of Kentucky, University:

- College of Home Economics, Department of Nutrition and Food Science Coordinated Program (CP) in Dietetics advisory committee, 1987-1994.
- Curriculum Committee, Graduate Center for Nutritional Sciences (formerly the Multidisciplinary Ph.D. Program in Nutritional Sciences), 1989-2002, 2005-2006.
- Admissions Committee, Graduate Center for Nutritional Sciences (formerly the Multidisciplinary Ph.D. Program in Nutritional Sciences), 2005-present.
- University of Kentucky Self-Study, Professional Programs Subcommittee of the Education Committee, 1990-1992.
- Faculty representative to the Graduate Nutrition Organization, 1991-1992, 1994.
- Institutional Animal Care and Use Committee (Medical Center Subcommittee), 1991-1994.
- Safety Committee for Research Facility #1, 1991-1993.
- Committee for Periodic Academic Program Review of the Multidisciplinary Nutritional Sciences Doctoral Program, 1993.
- Ad Hoc Review Committee for Multidisciplinary Nutritional Sciences Doctoral Program Minigrant Applications, 1994.
- University of Kentucky Center for Rural Health Advisory Board, 1995-1998.
- Sigma Xi, University of Kentucky Chapter (Executive Committee, 1996-1999; President Elect, 1997-1998; President, 1998-1999).
- Multidisciplinary Nutritional Sciences Doctoral Program Director Search Committee, 1997 (Chair).
- College of Human Environmental Sciences Periodic Review Committee, 1997-1998.
- Advisory Committee on Consolidation of Nutritional Sciences at UK, 1997.
- Advisory Committee on Consolidation of Masters Nutrition at UK, 1998 (Chair).
- Committee for Periodic Academic Program Review of the Multidisciplinary Nutritional Sciences Doctoral

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Program, 1999.

- Executive Committee, Graduate Center for Nutritional Sciences, 2002-2003.
- Workgroup on Organization of Public Health, Spring 2003.
- Task Force for Evaluation of the Nutritional Sciences Masters Curriculum, 2004.
- Student Learning Outcomes Assessment Project (Provost's Office), 2009.
- Medical Center Clinical Sciences Area Advisory Committee, September 1, 2009-December 30, 2011.
- Faculty Senate (replacing CHS faculty on sabbatical leave), January-June, 2009.

Medical University of South Carolina, College of Health Professions

- Division of Physician Assistant Studies, Division Director, January 1, 2012 to September 30, 2016.
- Division of Physician Assistant Studies, Admissions Coordinator, December 1, 2015 to present.
- Division of Physician Assistant Studies, Admissions Committee, Chair, December 1, 2015 to present.
- Division of Physician Assistant Studies, Academic Progress and Professionalism Committee, Chair, August 1, 2015 to present.
- Division of Physician Assistant Studies, Faculty Search Committee, Chair, November 2018 to February 2019.
- College of Health Professions, Faculty Diversity Task Group, 2013 to present.
- College of Health Professions, Workload Task Force, 2013 to present.
- College of Health Professions, CHP 50th Anniversary Marketing Task Force, 2015 to present.
- College of Health Professions, Expedited Tenure Review Committee, January-February, 2015.
- College of Health Professions Annual Report Committee, 2015, 2016.
- College of Health Professions, Student Appeal Committee, August 2017; August 2018.
- College of Health Professions, Development and Assessment of Teaching Effectiveness (DATE) Review, 2016 (Cristina Reyes-Smith, Review Committee Chair), 2018 (Gretchen Seif, Review Committee Chair).
- College of Health Professions, Tenure Committee, 2018.
- Division of Occupational Therapy, Division Director Search Committee, member, April to November 2012.
- Department of Health Professions, Chair Search Committee, member, May to November 2012.
- Department of Healthcare Leadership and Management Faculty Search Committee, member, April to October 2012.
- College of Health Professions, Faculty Assembly Promotion and Tenure Policy Writing Committee, 2018-2019.

Medical University of South Carolina, Other

- MUSC YES Family Fund Allocation Committee, 2015.
- Faculty Senate, College of Health Professions, alternate member, 2016-2017.
- Faculty Senate, College of Health Professions, full member, 2017-2019.
- Faculty Senate, College of Health Professions, Faculty and Institutional Relationships subcommittee member, 2017-2019.
- Interprofessional Core Curriculum Committee, October 2016 to present.

X. SPECIAL ASSIGNMENTS

- None

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XI. SPECIALTY BOARD AND CERTIFICATIONS

- Certified Nutritionist, Commonwealth of Kentucky, 0989 (since June 28, 1995), expired October 31, 2007.
- Licensed Physician Assistant, Commonwealth of Kentucky, PA658, expired March 31, 2012.
- Licensed Physician Assistant, State of South Carolina, PA2517, issued February 26, 2016.
- National Commission on Certification of Physician Assistants certification #1051104, expires December 31, 2019.
- Basic Life Support (AHA) certification #C-97125, expired April 12, 2012.
- Advanced Cardiac Life Support (AHA) certification #H-16150, expires August 21, 2012.
- Kentucky State HIV Certification for Medical Professionals, October 23, 2011.

XII. HONORS

- University of Kentucky Faculty Research Incentive Award, 1988-1990.
- University of Kentucky, College of Allied Health Professions Richard D. Kingston Award for Excellence in Teaching, May 6, 1990.
- Elected as a faculty member of the University of Kentucky Chapter of the Alpha Eta Society (Allied Health honorary society) November 8, 1991.
- Elected as a member of the national organization and the University of Kentucky Chapter of Sigma Xi in 1992 (UK Chapter Executive Committee, 1996-1999, UK Chapter President Elect, 1997-1998, UK Chapter President, 1998-2000, UK Chapter Annual Meeting Delegate, 1997).
- Selected as Outstanding Alumni of the College of Human Ecology (Centennial Celebration), Michigan State University, 1996.
- “Golden Speculum Award”, awarded by Physician Assistant Studies graduating class of 2008 (faculty of the year).
- University of Debrecen, Hungary, Silver medallion of the Council of the Medical and Health Science Center for “intensification of the educational relations between Lexington University (University of Kentucky) and the Medical and Health Center of Debrecen University”, November 7, 2008.
- Nominated for Medical University of South Carolina Foundation “Teaching Excellence Award”, Spring 2015.
- Distinguished Fellow of the American Academy of Physician Assistants (DFAAPA), June 18, 2015.
- Pi Alpha, National honor society for physician assistants, Medical University of South Carolina chapter, February 9, 2015.
- Nominated for Medical University of South Carolina Foundation “Teaching Excellence Award”, Spring 2017.
- Nominated for the College of Health Professions “CHP Teacher of the Year”, Fall 2018.

XIII. PROFESSIONAL ACTIVITY AND PUBLIC SERVICE

Membership in Scientific Societies:

- New York Academy of Sciences, full member, national level.
- Society for Experimental Biology and Medicine, full member, national level.
- American Society for Nutritional Sciences (formally American Institute of Nutrition), full member, national

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level.

- Federation of American Societies for Experimental Biology, full member, national level.
- Sigma Xi, full member, national level.
- Alpha Eta, full member, national level (member of University of Kentucky Chapter).
- Kentucky Academy of Physician Assistants, fellow member, regional level, 2001-2011.
- Kentucky Academy of Physician Assistants, Board of Directors and Central Region Director, 2004-2006; Alternate Delegate to AAPA House of Delegates, 2009, 2010.
- American Academy of Physician Assistants, fellow member, national level, 2001-present.
- South Carolina Academy of Physician Assistants, fellow member, regional level, 2012-present.

University of Kentucky, Previous Membership in University Groups:

- Lucille Parker Markey Cancer Center.
- Graduate Center for Nutritional Sciences (formerly the Multidisciplinary Ph.D. Program in Nutritional Sciences).

Ad Hoc Journal Reviewer:

- Cancer Research, 1989.
- Journal of Lipid Research, 1990, 1995.
- Growth, Development & Aging, 1991, 1992, 1994, 1995, 1998, 1999, 2001-2002.
- Lipids, 1991, 1995, 1998.
- Journal of the American College of Nutrition, 1990, 1994.
- Journal of Nutrition, 1994, 1999-2004, 2007-2009.
- Annals of Nutrition and Metabolism, 1994.
- Nutrition Research, 1996-2003.
- Journal of Nutritional Biochemistry, 1998-2003, 2009.
- Proceedings of the Society for Experimental Biology and Medicine, 2000.
- Journal of the American Academy of Physician Assistants, 2004, 2005, 2007, 2008, 2015, 2018, 2019.
- Scandinavian Journal of Gastroenterology, 2010.
- Journal of the Science of Food and Agriculture, 2010.
- Free Radical Biology and Medicine, 2011.

Study Section Membership and Ad Hoc Grant Reviewer:

- Department of Veterans Affairs, Merit Review Application (*ad hoc*), 1990.
- United States Department of Agriculture Grant Review (*ad hoc*), 1993-1995, 1997-1999, 2002-2003.
- United States Department of Agriculture, Human Nutrition study section (member), 1996.

Textbook and Chapter Reviewer:

- *Kuby Immunology*. 4th edition. R.A. Goldsby, T.J. Kindt, and B.A. Osborne, editors, W.H. Freeman and Company:New York, 2000.

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- *Medical Nutrition Therapy: A case study approach*. M.N. Nelms, S.L. Anderson. Wadsworth Publishing Company:Belmont CA, 2001.
- *Physician Assistants in American Medicine*. 3rd edition, F. A. Davis Company:Philadelphia PA, 2006.
- *Professionalism and Ethics: A Textbook for Physician Assistants*. B. Cassidy, and J.D. Blessing, F.A. Davis Company:Philadelphia PA, 2007.
- *Blueprints Medicine*. 4th edition. V.B. Young, W.A. Kormos, D.A. Chick, A.H. Goroll, Lippincott Williams & Wilkins:Baltimore, MD, 2007.
- *Standardized Patient Cases for Physician Assistants*. F.A. Davis Company:Philadelphia PA, 2008.
- *Laboratory and Diagnostic Testing: Applications in Nursing Practice*. F.A. Davis Company:Philadelphia PA, 2008.
- *Practical Therapeutics*. F.A. Davis Company:Philadelphia PA, 2009.
- *Practical Pharmacology and Therapeutics: An approach to conscientious prescribing*. F.A. Davis Company:Philadelphia PA, 2011.
- *Guide to Clinical Documentation*. 3e, F.A. Davis Company:Philadelphia PA, 2017. (Chapter 4, 6, 9, 10)

Visiting Investigator:

- The Jackson Laboratory, August 10, 1988 to September 23, 1988, in laboratory of Dr. David Harrison. Obesity, food restriction, aging, and immune function.
- The Jackson Laboratory, June 14, 1991 to August 21, 1991, in laboratory of Dr. David Harrison. Isolation of fibroblast cell cultures from embryos of inbred mouse strains of varying lifespan potentials.
- The Jackson Laboratory, May 28, 1994 to August 16, 1994, in laboratory of Dr. Beverly Paigen. Determination of hepatic HMG-CoA reductase activity in inbred mouse strains in response to dietary cholesterol.
- The Jackson Laboratory, June 1, 1999 to August 16, 1999, in laboratory of Dr. David Harrison. Mapping chromosome regions important in various developmental and aging phenotypes.
- The Jackson Laboratory, June 3, 2002 to August 12, 2002, in laboratory of Dr. David Harrison. Investigation of insulin tolerance in congenic strains of mice with differences in circulating insulin levels.
- The University of Debrecen, Hungary, September 15 to November 11, 2008, in laboratory of Dr. Sandor Sipka. Investigation of the effect of Resolvin D1 on cytokine production from peripheral mononuclear cells from patients with systemic lupus erythematosus and Sjögren's syndrome.

Session Chair:

- "Lipoprotein Metabolism" Minisymposium, Co-Chair, April 7, 1992, Federation of American Societies for Experimental Biology Annual Meeting, Anaheim, CA.
- "Lipoprotein and Cholesterol: Metabolism" Minisymposium, Co-Chair, April 3, 1993, Federation of American Societies for Experimental Biology Annual Meeting (Experimental Biology '93), New Orleans, LA.
- "Lipoprotein and Cholesterol: Specific Fatty Acids" Minisymposium, Co-Chair, April 25, 1994, Federation of American Societies for Experimental Biology Annual Meeting (Experimental Biology '94), Anaheim, CA.
- "Lipoprotein and Cholesterol: Genetic Influences" Minisymposium, Chair, April 26, 1994, Federation of American Societies for Experimental Biology Annual Meeting (Experimental Biology '94), Anaheim, CA.

Interview:

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- October 31, 1997, interview with WTVQ (Channel 36), “Nutritional Supplements”.
- November 4, 1997, telephone panel with WLEX (Channel 18), “Eating Right”.
- Interviewed for *Advance for Physician Assistants* “Program Notes” feature article entitled “30 Plus Years of History at UK”, *Advance for Physician Assistants* 13(3): 13, 2005.
- Interviewed for *AAPA News* article entitled “IFIC Foundation and AAPA present healthy eating guide for pregnant women”, *AAPA News* 30(6): 4, 2009.
- Interviewed by WKYT news (Lexington, Kentucky, Channel 27) on Kentucky legislation to require restaurants posting nutrition information on menu items, January 12, 2010 (shown 6 o’clock news, January 12, 2010).
- Radio interview with Jack Pattie of WVLK am, Lexington, about PA day and the roles of PAs in health care, October 6, 2010.

Other:

- Judge for Lexington Traditional Middle School Science Fair, Lexington, Kentucky, 1994-1996, 1999.
- Judge for Annual Fayette County Science Fair, Lexington, Kentucky, 1994-1999.
- Telephone “Santa” for University of Kentucky’s Campus Recreation “Santa Calls” Program, 1994-1998.
- Moveable Feast-Lexington, Board of Directors, July 2003–June 2005.
- Physician Assistant Education Association (PAEA) Student Writing Contest (previously known as the Nyquist Student Writing Competition), reviewer, 2006–2011.
- Participated in the Hispanic Health Fair at UK E.S. Good Barn (May 20, 2007).
- Provide first aid services for the Buddy Walk, sponsored by the Down Syndrome Association of Central Kentucky (October 2, 2004; October 1, 2005; September 30, 2006; September 29, 2007).
- American Academy of Physician Assistants Annual Meeting research symposium (sponsored by the Clinical and Scientific Affairs Council), abstract reviewer, 2007–2013.
- Clinical and Scientific Affairs Council (CSAC) of the American Academy of Physician Assistants, member, June 2008-June 2011.
- Clinical and Health Affairs Commission (CHAC) of the American Academy of Physician Assistants, member, June 2011-June 2013.
- Participated in osteoporosis screening with UK PAS students, Center for Creative Living Adult Daycare, Lexington Senior Citizen Center, Lexington, KY, October 19, 2009.
- Participated in blood pressure screening with UK PAS students, Center for Creative Living Adult Daycare, Lexington Senior Citizen Center, Lexington, KY, February 5, 2010.
- Participated in osteoporosis screening with UK PAS students, Center for Creative Living Adult Daycare, Lexington Senior Citizen Center, Lexington, KY, February 22, 2011.

XIV. SPEAKING ENGAGEMENTS

Local:

- January 29, 1986, University of Interdepartmental Nutrition Seminar sponsored Departments of Nutrition and Food Science, Clinical Nutrition and Animal Science. “Dietary fat and mammary neoplasia”.
- April 29, 1987, University of Kentucky, Interdepartmental Nutrition Seminar sponsored by Departments of Nutrition and Food Science, Clinical Nutrition and Animal Science. “Nutrition and immunity: Focus on lipids”.

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- March 9, 1988, University of Kentucky, Joint Interdepartmental Nutrition Seminar and Toxicology Seminar. “Peroxisome proliferators, dietary antioxidants and immunity”.
- March 15, 1988, University of Kentucky, College of Agriculture, Cooperative Extension Service (“To Your Health” Workshop). “Nutrition and cancer”.
- January 5, 1990, University of Kentucky, College of Allied Health Professions, Annual Faculty Retreat. “Cholesterol, oxysterols, and atherosclerosis”.
- January 9, 1990, guest speaker for Bluegrass Section of Institute of Food Technologists annual meeting, Louisville, KY. “Diet and cancer: Who is in charge?”
- March 28, 1990, annual meeting of the Kentucky Public Health Association, Louisville, KY. “Nutrition and AIDS”.
- February 26, 1991, guest speaker in UK Kentucky Heart Institute Atherosclerosis Research Forum on Pathogenesis of Atherosclerosis. “Effects of oxidized lipids on endothelial cell function”.
- April 22, 1992, Multidisciplinary Ph.D. Program in Nutritional Sciences Minisymposium on Nutritional Immunology, minisymposium chairman and speaker. “Aging, food restriction and immunity in obese mice”.
- May 21, 1992, panel member in UK PrimeTime Series (sponsored by the Peggy S. McClintock Staff Enrichment Steering Committee). “Myth of vitamins and over-the-counter drugs”.
- February 18, 1993, presentation to the Women Reaching Out support group (sponsored by the American Cancer Society, Central Baptist Hospital, and the Kentucky Cancer Program). “Interaction of dietary fat and cancer risk”.
- April 23, 1993, presentation to the Kentucky Dietetic Association (Annual Meeting). “Current trends in lipids and cardiovascular disease”.
- October 1, 1993, presentation to the Department of Surgery, University of Kentucky. “Oxysterols and atherosclerosis”.
- November 10, 1993, presentation to the Nutritional Sciences Program, University of Kentucky. “Oxysterols and atherosclerosis”.
- February 28, 1994, presentation to the Department of Surgery, University of Kentucky. “Dietary lipids and cardiovascular disease”.
- March 28, 1994, presentation to the Graduate Center for Toxicology, University of Kentucky. “Oxysterols and atherosclerosis”.
- May 10, 1994, presentation to the Lexington Prostate Cancer Support Group. “Diet and prostate cancer”.
- March 26, 1996, presentation to the Kentucky Society for Clinical Laboratory Science, Annual Meeting, Lexington, KY, “Nutrition and laboratory testing”.
- September 24, 1997, presentation to J.R. Ewan Elementary School 4th grade Quest class, Lexington, KY, on “‘Good’ and ‘bad’ food choices”.
- September 24, 1997, presentation to University of Kentucky Hospital Dietetic Intern Class. “Experimental Design”.
- September 26, 1997, presentation at the Kentucky Allied Health Consortium Annual Meeting, Morehead, KY, “Teaching with the internet”.
- October 9, 1997, presentation to the Golden Kiwanis of the Bluegrass, Lexington, KY, “Diet and disease”.
- January 14, 1998, presentation to the Woodford Memorial Hospital Auxiliary, Versailles, KY, “Happy, healthy heart”.
- September 16, 1998, presentation to University of Kentucky Hospital Dietetic Interns. “Experimental Design”.
- March 17, 1999, presentation to the Lucille Markey Cancer Center Breast Cancer Survivor Support Group,

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University of Kentucky. "Nutrition and Disease Resistance".

- April 21, 1999, presentation to the Lucille Markey Cancer Center Breast Cancer Survivor Support Group, University of Kentucky. "Stress and Immunity".
- April 26, 1999, presentation to CLS 520, "Ethics 101: Universal Principles of Biomedical Ethics".
- April 28, 1999, teleconference presentation to Kentucky clinical laboratorians, "Nutrition and Immunity".
- November 4, 1999, presentation to "The Thursday Group", Breast Cancer Survivor Support Group, Hunter Presbyterian Church. "Stress and Immunity".
- February 3, 2000, presentation to "The Thursday Group", Breast Cancer Survivor Support Group, Hunter Presbyterian Church. "Nutrition and Disease Resistance".
- February 16, 2000, presentation to University of Kentucky Hospital Dietetic Interns. "Experimental Design".
- July 26, 2000, presentation to Charter Ridge Behavioral Systems inpatients/outpatients. "Nutrition and Drug Dependence".
- October 4, 2000, presentation to University of Kentucky Hospital Dietetic Interns. "Experimental Design".
- January 31, 2001, presentation to University of Kentucky Hospital Dietetic Interns. "Experimental Design".
- January 9, 2002, presentation to University of Kentucky Hospital Dietetic Interns. "Experimental Design".
- November 13, 2003; February 19, 2004; and May 20, 2004; presentation to University of Kentucky Family Medical Review, "High Protein Diets".
- March 7, 2006, presentation at University of Kentucky-sponsored Genetics Workshop, "The Role of Folate in Genetic Disorders".
- March 22, 2006, presentation to University of Kentucky "Community Orientated Primary Care & the UK Student-Run Free Clinic" spring elective (Co-speakers: M. Boosalis, G. Bruckner), "Nutrition and Lifestyle Factors".
- Dawson, D.R., M.J. Novak, **G.A. Boissonneault**, J.L. Ebersole, and R.J. Kryscio, Oral Infections: Dietary regulation of Local and systemic inflammatory responses. June 6, 2006 poster presentation at University of Kentucky Clinical and Translational Spring Science Conference (presented by D.R. Dawson).
- May 13, 2007, presentation to University of Kentucky Family Medicine Review, "Nutrition Therapy and Arthritis" (presented for Geza Bruckner).
- May 14, 2007, presentation to PT 770, "Biomedical Ethics Recap".
- March 10, 2009, poster presentation at University of Kentucky College of Dentistry Research Day 2009, "Lack of Effect of Omega-3 Fatty Acid (PUFA) Dietary Supplement on Clinical Measures of Periodontitis in Humans" by M. Parulkar, D.R. Dawson, R. Kryscio, M.J. Novak, J.L. Ebersole, and **G.A. Boissonneault** (presented by M. Parulkar, graduate student, G.A. Boissonneault graduate advisor).
- April 23, 2009, poster presentation at University of Kentucky Clinical and Translational Science 2009, "Lack of Effect of Omega-3 Fatty Acid (PUFA) Dietary Supplement on Clinical Measures of Periodontitis in Humans" by M. Parulkar, D.R. Dawson, R. Kryscio, M.J. Novak, J.L. Ebersole, and **G.A. Boissonneault** (presented by M. Parulkar, graduate student, G.A. Boissonneault graduate advisor).

National / International:

- March 5, 1986, Michigan State University, Department of Food Science and Human Nutrition ("Diet, Nutrition and Cancer", Winter Seminar Series). Invited seminar entitled: "Dietary fat and efficiency of energy utilization: Effects on mammary neoplasia".
- April 17, 1986, Federation of American Societies Experimental Biology Annual Meeting, St. Louis, MO. Invited seminar in minisymposium on "Calories and Cancer" entitled: "Efficiency of energy utilization: Effects

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of diet composition on body composition and mammary neoplasia”.

- March 19, 1987, Iowa State University: Invited seminar entitled: “Dietary fat and efficiency of energy utilization: Effects on mammary neoplasia”.
- March 30, 1987, Federation of American Societies for Experimental Biology Annual Meeting, Washington, D.C. “Cholestan-3 β ,5 α ,6 β -triol reduces vascular endothelial barrier function”.
- March 28, 1988, Symposium on Effects of Dietary Restriction on Aging and Disease in Germfree and Conventional Lobund-Wistar Rats, Lobund Laboratory, Notre Dame University. Invited seminar entitled: “Relationship between body composition, tumor incidence and longevity”.
- March 22, 1989, Federation of American Societies for Experimental Biology Annual Meeting, New Orleans, LA. “Elevation of cultured vascular endothelial monolayer permeability by oxysterol-enriched LDL”.
- April 5, 1990, Federation of American Societies for Experimental Biology Annual Meeting, Washington, D.C. “Food restriction (FR) in Lobund-Wistar (LW) rats, changes in body size and composition, and spontaneous tumorigenesis”.
- May 25, 1990, 23rd Annual Hugh Lofland Conference on Arterial Wall Metabolism, San Antonio, TX. “Oxysterols, lipoproteins, and endothelial barrier function”.
- May 25, 1990, 23rd Annual Hugh Lofland Conference on Arterial Wall Metabolism, San Antonio, TX. “Fatty acid effects on endothelial barrier function in culture” (B. Hennig, presenter).
- April 24, 1991, Federation of American Societies for Experimental Biology Annual Meeting, Atlanta, GA. “Influence of dietary fat level and fatty acid composition on delayed-type hypersensitivity (DTH)”.
- May 23, 1991, 24th Annual Hugh Lofland Atherosclerosis Conference, Seattle, WA. “Oxidized LDL, antioxidants, and endothelial cell function”.
- June 7, 1991, 29th Annual Association for Gnotobiotics Meeting, Lexington, KY. “Body size/composition changes and spontaneous tumorigenesis in food restricted conventional and germfree Lobund-Wistar Rats”. (Speaker and session co-chair).
- April 7, 1992, Federation of American Societies for Experimental Biology Annual Meeting, Anaheim, CA. “Vitamin E is without effect on delayed endothelial wound healing related to oxidized LDL”. (Speaker and session co-chair).
- May 13, 1992, 25th Annual Hugh Lofland Atherosclerosis Conference, Boston, MA. “In vitro LDL oxidation is decreased by carnosine”.
- May 8, 1993, 26th Annual Hugh Lofland Atherosclerosis Conference, Winston-Salem, NC. “Mechanism of antioxidative activity of carnosine on in vitro LDL oxidation”.
- April 26, 1994, Federation of American Societies for Experimental Biology Annual Meeting, Anaheim, CA. “Interactions between carnosine and vitamin E in mammary cancer risk”.
- December 1, 1994, George Washington University, Department of Physiology: Invited seminar entitled “Atherosclerosis risk and altered cholesterol metabolism”.
- August 15, 1996, Iowa State University, Department of Food Science and Human Nutrition: Invited seminar entitled “Riding the academic wave into the 21st century”.
- Hopenhayn-Rich, C., T.C. Tucker, D.M. Moore, R. Kryscio, and **G.A. Boissonneault**. “Assessing the burden of colorectal cancer in Kentucky”. Presented at the Chronic Disease Prevention and Control conference held in Wash. DC in November, 2000 (presented by Hopenhayn-Rich, C.).
- Hopenhayn-Rich, C., D.B. Moore, T.C. Tucker, R.J. Kryscio, **G.A. Boissonneault**, and B. Huang. “Using BRFSS data with a state cancer registry to investigate colorectal cancer trends”. Presented at the 18th Annual BRFSS conference held in Atlanta, GA in March, 2001 (presented by Hopenhayn-Rich, C.).
- Hopenhayn, C., H.M. Bush, K.M. Randles, and **G.A. Boissonneault**. “Does Arsenic Exposure Increase the

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Risk of Anemia During Pregnancy?” Presented at the International Society for Environmental Epidemiology meeting in Perth, Australia, September 24-26, 2003. (presented by Hopenhayn, C.).

- Hadley, R.D., and **G.A. Boissonneault**. “Attrition of PA Students – Has the Arena Changed?”, presented June 2, 2004, Association of Physician Assistant Programs National Meeting, Las Vegas, NV (round-table presentation with discussion, both authors presenting).
- Blankenship, C.C., and **G.A. Boissonneault**, Correlation of PANCE Performance with Transition Points During Physician Assistant (PA) Education, May 30, 2006 poster presentation at American Academy of Physician Assistants Annual Conference (juried poster, presented by **G.A. Boissonneault**).
- Parulkar, M., D.R. Dawson, R. Kryscio, M.J. Novak, J.L. Ebersole, and **G.A. Boissonneault**, 2009. Lack of Effect of Omega-3 Fatty Acid (PUFA) Dietary Supplement on Clinical Measures of Periodontitis in Humans, FASEB J. (abstract #133.7, presented by M. Parulkar and G.A. Boissonneault).
- O’Donoghue, D.L., **G.A. Boissonneault**, A.E. Brenneman, A.C. Essary, M. Heinan, and E. Van Dyke, 2009. AAPA Clinical and Scientific Affairs (CSAC) Top 10, oral presentation at the at the American Academy of Physician Assistants (AAPA) Annual Meeting, May 23-28, 2010, San Diego, California (presented by all authors).
- Sipka, S., I. Kovács, S. Baráth, T. Tarr, M. Zeher, and **G.A. Boissonneault**, 2009. In vitro effects of resolvin E1 on the release of TGFβ, IL-6 and IL-17 from the activated mononuclear cells of healthy donors and SLE and Sjögren’s patients, poster presented at the European League against Rheumatism (EULAR) annual meeting, June 10-13, 2009 in Copenhagen, Denmark (presented by S. Sipka).
- **Boissonneault, G.A.**, I. Kovács, S. Baráth, T. Tarr, M. Zeher, and S. Sipka, 2009. Effects of resolvin E1 on the release of TGFβ, IL-6 and IL-17 from the activated mononuclear cells of healthy donors and SLE and Sjögren’s patients in vitro, poster presented at the European Federation of Immunological Societies (EFIS) annual meeting, September 12-17, 2009, Berlin, Germany (presented by G.A. Boissonneault).
- Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, M. Heinan, T. Moreau, and D.L. O’Donoghue, 2009. The potential impact of the patient-centered medical home on PA education, poster presented at the Physician Assistant Education Association Annual Meeting, November 4-8, 2009, Portland, Oregon (presented by all authors).
- Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, M. Heinan, T. Moreau, and D.L. O’Donoghue, 2010. The potential impact of the patient-centered medical home on PA education, poster presented at the AAMC Western Group on Educational Affairs (WEGA) conference, April 25-27, 2010, Pacific Grove, California (presented by A.C. Essary).
- O’Donoghue, D.L., **G.A. Boissonneault**, A.E. Brenneman, A.C. Essary, M. Heinan, and T. Moreau, 2010. AAPA Clinical and Scientific Affairs (CSAC) Top 10, oral presentation at the at the American Academy of Physician Assistants (AAPA) Annual Meeting, May 28-June 3, 2010, Atlanta, Georgia (presented by all authors).
- Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, M. Heinan, T. Moreau, and D.L. O’Donoghue, 2010. The potential impact of the patient-centered medical home on PA education, poster presented at the American Academy of Physician Assistants (AAPA) Annual Meeting, May 28-June 3, 2010, Atlanta, Georgia (presented by all authors).
- Schuer, K.M., and **G.A. Boissonneault**, 2010. Interprofessional experiences in physician assistant education, poster presented at the American Academy of Physician Assistants (AAPA) Annual Meeting, May 28-June 3, 2010, Atlanta, Georgia (presented by all authors).
- Schuer, K.M., and **G.A. Boissonneault**, 2010. Interprofessional experiences in physician assistant education, poster presented at the Physician Assistant Education Association (PAEA) Annual Meeting, October 21-23,

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- 2010, Baltimore, Maryland (presented by all authors).
- Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, M.F. McKinnon, T. Moreau, and A.E. Ogunfiditimi, 2011. AAPA Clinical and Scientific Affairs (CSAC) Top 10, oral presentation at the American Academy of Physician Assistants (AAPA) Annual Meeting, Las Vegas, Nevada (presented by all authors).
 - Essary, A.C., **G.A. Boissonneault**, T. Moreau, A.E. Ogunfiditimi, and K.M. Schuer, 2012. AAPA Clinical and Scientific Affairs (CSAC), “Health in 3D” presentation at the American Academy of Physician Assistants (AAPA) Annual Meeting (May 26, 2012), Toronto, Canada (presented by all authors).
 - Schuer, K.M., and **G.A. Boissonneault**, 2012. Interprofessional experiences in physician assistant education, poster to be presented at the Association of American Medical Colleges (AAMC), Annual Integrating Quality Meeting: Collaborating for Care, Poster Session, June 7-8, Chicago (presented by K.M. Schuer).
 - Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, T. Moreau, and A.E. Ogunfiditimi, K.M. Schuer, 2013. AAPA Clinical and Health Affairs Commission (CHAC) Top 10, oral presentation at the American Academy of Physician Assistants (AAPA) Annual Meeting, Washington, D.C. (presented by all authors).
 - **Boissonneault, G.A.**, C. Gorney, A. McLellan, 2013., “Evaluation and Application of the HRT Guidelines”, presented at the American Academy of Physician Assistants (AAPA) Annual Meeting, Washington, D.C. (presented by all authors).
 - Schuer, K.M., **G.A. Boissonneault**, and A.C. Essary, 2013. Interprofessional experiences in physician assistant education, poster to be presented at the Collaborating Across Borders IV conference: Interprofessional Collaboration, Transformative Change from the Classroom to Practice, Poster Session, June 12-14, Vancouver, Canada (presented by K.M. Schuer).
 - **Boissonneault, G.A.**, and C. Velozo, 2018. Identifying and Correcting Rater Bias in PA Admissions Multiple Mini-Interviews, poster presented at the Physician Assistant Education Association Annual Meeting, Anaheim, California (presented by G.A. Boissonneault).

XV. RESEARCH AND/OR CREATIVE PRODUCTIVITY

PUBLICATIONS:

Published Journal Articles:

- **Boissonneault, G.A.**, M.J. Hornshuh, J.W. Simons, D.R. Romsos, G.A. Leveille, 1978. Oxygen consumption of lean and obese (ob/ob) mice. *Proc. Soc. Exp. Biol. Med.* 157:402-406.
- **Boissonneault, G.A.**, P.V. Johnston, 1983. Essential fatty acid deficiency, prostaglandin synthesis and humoral immunity in Lewis rats. *J. Nutr.* 113:1187-1191.
- **Boissonneault, G.A.**, P.V. Johnston, 1984. Humoral immunity in essential fatty acid deficient rats and mice: Effects of route of injection of antigen. *J. Nutr.* 114:89-94.
- **Boissonneault, G.A.**, H.-J. Heiniger, 1984. 25-Hydroxycholesterol-induced elevations in ⁴⁵Ca uptake: Correlations with depressed DNA synthesis. *J. Cell. Physiol.* 120:151-156.
- Heiniger, H.-J., H.W. Chen, **G.A. Boissonneault**, M. Hess, H. Cottier, R.D. Stoner, 1985. Cholesterol and oxysterols: Their role in lymphocyte function. *Ann. N.Y. Acad. Sci.* 459:111-128.
- Keshavarz-Valian, H., N.E. Alger, **G.A. Boissonneault**, 1985. *Plasmodium berghei*: Effects of PABA, methionine, threonine and protein levels on the immune system of infected mice. *J. Nutr.* 115:1613-1620.
- **Boissonneault, G.A.**, H.-J. Heiniger, 1985. 25-Hydroxycholesterol-induced elevations in ⁴⁵Ca uptake: Permeability changes in P-815 cells. *J. Cell. Physiol.* 125:471-475.

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- **Boissonneault, G.A.**, C.E. Elson, M.W. Pariza, 1986. Net energy effects of dietary fat on chemically-induced mammary carcinogenesis in F344 rats. *JNCI* 76:335-338.
- Pariza, M.W., W.A. Hargraves, H. Benjamin, M. Christou, C.R. Jefcoate, J. Storkson, K. Albright, D. Kraus, P. Sharp, **G.A. Boissonneault**, C.E. Elson, 1986. Modulation of carcinogenesis by dietary factors: I. Inhibition of carcinogenesis by a beef-derived mutagenesis modulator; and II. Role of net energy in enhancement of carcinogenesis by dietary fat. *Environ. Health Perspect.* 67:25-29.
- Hennig, B., **G.A. Boissonneault**, 1987. Cholestan-3 β ,5 α ,6 β -triol decreases barrier function of cultured endothelial cell monolayers. *Atherosclerosis* 68:255-261.
- Hennig, B., **G.A. Boissonneault**, L.J. Fiscus, M.E. Marra, 1988. Effect of vitamin E on oxysterol- and fatty acid hydroperoxide-induced changes of repair and permeability properties of cultured endothelial cell monolayers. *Internat. J. Vit. Nutr. Res.* 58:41-47.
- Hennig, B., **G.A. Boissonneault**, 1988. The roles of vitamin E and oxidized lipids in atherosclerosis. *Internat. Clin. Nutr. Rev.* 8:134-139.
- Chen, L.H., **G.A. Boissonneault**, and H.P. Glauert, 1988. Vitamin C, vitamin E and cancer. *Anticancer Res.* 8:739-748.
- Hennig, B., **G.A. Boissonneault**, H.P. Glauert, 1989. Effects of serum type on growth and permeability properties of cultured endothelial cells. *Exp. Cell Res.* 181:589-596.
- Hennig, B., **G.A. Boissonneault**, and Y. Wang, 1989. Effect of chronic ethanol exposure on integrity of cultured endothelial cell monolayers. *Nutr. Rep. Internat.* 40:253-259.
- Hennig, B., **G.A. Boissonneault**, and Y. Wang, 1989. Protective effects of vitamin E in age-related endothelial cell injury. *Internat. J. Vit. Nutr. Res.* 59:273-279.
- Hennig, B., **G.A. Boissonneault**, D.H. Matulino, S. Ramasamy, H.P. Glauert, 1990. Effect of vitamin E on linoleic acid-mediated induction of peroxisomal enzymes in cultured porcine endothelial cells. *J. Nutr.* 120:331-337.
- Hennig, B., Y. Wang, **G.A. Boissonneault**, A. Alvarado, H.P. Glauert, 1990. Effects of fatty acid enrichment on the induction of peroxisomal enzymes in cultured porcine endothelial cells. *Biochem. Arch.* 6:141-146.
- **Boissonneault, G.A.**, B. Hennig, and Y. Wang, 1990. Aging and endothelial barrier function in culture: Effects of chronic exposure to fatty acid hydroperoxides and vitamin E. *Mech. Aging Dev.* 56:1-9.
- Hennig, B., A. Alvarado, S. Ramasamy, **G.A. Boissonneault**, E.A. Decker, and W.J. Means, 1990. Fatty acid-induced disruption of endothelial barrier function in culture. *Biochem. Arch.* 6:409-417.
- Hayek, M.G., S. Musen, **G.A. Boissonneault**, D.G. Ely, and G.E. Mitchell Jr., 1990. Effect of a Ralgro implant on cell-mediated immune response in sheep. *Sheep Profit Day Proceedings. Progress Report #325:20.*
- Dew, R.K., **G.A. Boissonneault**, N. Gay, J.A. Boling, R.J. Cross, and D.A. Cohen, 1990. The effect of the endophyte (*Acremonium coenophialum*) and associated toxin(s) of tall fescue on serum titer response to immunization and spleen cell flow cytometry analysis and response to mitogens. *Vet. Immunol. Immunopathol.* 26:285-295.
- **Boissonneault, G.A.**, B. Hennig, and C.-M. Ouyang, 1991. Oxysterols, cholesterol biosynthesis, and vascular endothelial cell monolayer barrier function. *Proc. Soc. Exp. Biol. Med.* 196:338-343.
- Ramasamy, S., **G.A. Boissonneault**, E.A. Decker, and B. Hennig 1991. Linoleic acid-induced endothelial cell injury: Role of membrane-bound enzyme activities and lipid oxidation. *J. Biochem. Toxicol.* 6:29-35.
- **Boissonneault, G.A.**, B. Hennig, Y. Wang, C.-M. Ouyang, K. Krahulik, L. Cunnup, and P.R. Oeltgen, 1991. Effect of oxysterol-enriched low density lipoprotein on endothelial barrier function in culture. *Ann. Nutr. Metab.* 35:226-232.
- Hayek, M.G., G.E. Mitchell, Jr., **G.A. Boissonneault**, R.J. Harmon, and R.E. Tucker, 1991. Migrational

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characteristics of maternal lymphocytes in newborn lambs. Kentucky Agricultural Experiment Station PR 334:19-20.

- Ramasamy, S., **G.A. Boissonneault**, and B. Hennig, 1992. Oxysterol-induced endothelial cell dysfunction in culture. *J. Am. Coll. Nutr.* 11:532-538.
- Ramasamy, S., **G.A. Boissonneault**, and B. Hennig, 1992. Age-related effects on proteoglycan synthesis in endothelial cell cultures treated with linoleic acid. *Biochem. Archives* 8:301-308.
- **Boissonneault, G.A.**, 1993. Dietary carnosine and breast cancer risk. *Meat Focus Internat.* 2:61-62.
- Hennig, B., S. Ramasamy, A. Alvarado, N.C. Shantha, **G.A. Boissonneault**, E.A. Decker, and B.A. Watkins, 1993. Selective disruption of endothelial barrier function in culture by pure fatty acids and fatty acids derived from animal and plant fats. *J. Nutr.* 123:1208-1216.
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- Risk of Anemia During Pregnancy? International Society of Environmental Epidemiology Annual Meeting.
- Layne, JD, B. Hennig, and **G.A. Boissonneault**, 2004. Does cholesterol influence the onset/progression of autoimmune hemolytic anemia in NZB mice. *FASEB J* 18:A161 (abstract #133.7).
 - Blankenship, C.C. and **G.A. Boissonneault**, 2006. Correlation of PANCE Performance with Transition Points During Physician Assistant (PA) Education, American Academy of Physician Assistant's Annual Meeting, San Francisco, CA (Juried poster presentation).
 - March 10, 2009, poster presentation at University of Kentucky College of Dentistry Research Day 2009, "Lack of Effect of Omega-3 Fatty Acid (PUFA) Dietary Supplement on Clinical Measures of Periodontitis in Humans" by M. Parulkar, D.R. Dawson, R. Kryscio, M.J. Novak, J.L. Ebersole, and **G.A. Boissonneault** (presented by M. Parulkar, graduate student, G.A. Boissonneault graduate advisor).
 - Sipka, S., I. Kovács, S. Baráth, T. Tarr, M. Zeher, and **G.A. Boissonneault**, 2009. In vitro effects of resolving E1 on the release of TGF β , IL-6 and IL-17 from the activated mononuclear cells of healthy donors and SLE and Sjögren's patients, presented at the European League against Rheumatism (EULAR) annual meeting, June 10-13, 2009 in Copenhagen, Denmark.
 - Parulkar, M., D.R. Dawson, R. Kryscio, M.J. Novak, J.L. Ebersole, and **G.A. Boissonneault**, 2009. Lack of Effect of Omega-3 Fatty Acid (PUFA) Dietary Supplement on Clinical Measures of Periodontitis in Humans, *FASEB J.* (abstract #133.7).
 - Sipka, S., I. Kovács, S. Baráth, T. Tarr, M. Zeher, and **G.A. Boissonneault**, 2009. In vitro effects of resolvin E1 on the release of TGF β , IL-6 and IL-17 from the activated mononuclear cells of healthy donors and SLE and Sjögren's patients, presented at the European League against Rheumatism (EULAR) annual meeting, June 10-13, 2009 in Copenhagen, Denmark (presented by S. Sipka).
 - Sipka, S., I. Kovács, S. Baráth, T. Tarr, M. Zeher, and **G.A. Boissonneault**, 2009. Effects of resolvin E1 on the release of TGF β , IL-6 and IL-17 from the activated mononuclear cells of healthy donors and SLE and Sjögren's patients in vitro, presented at the European Federation of Immunological Societies (EFIS) annual meeting, September 12-17, 2009, Berlin, Germany.
 - Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, M. Heinan, T. Moreau, and D.L. O'Donoghue, 2009. The potential impact of the patient-centered medical home on PA education, presented at the Physician Assistant Education Association Annual Meeting, November 4-8, 2009, Portland, Oregon.
 - Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, M. Heinan, T. Moreau, and D.L. O'Donoghue, 2010. The potential impact of the patient-centered medical home on PA education, presented at the AAMC Western Group on Educational Affairs (WEGA) conference, April 25-27, 2010, Pacific Grove, California.
 - Essary, A.C., **G.A. Boissonneault**, A.E. Brenneman, M. Heinan, T. Moreau, and D.L. O'Donoghue, 2010. The potential impact of the patient-centered medical home on PA education, presented at the American Academy of Physician Assistants (AAPA) Annual Meeting, May 28-June 3, 2010, Atlanta, Georgia.
 - Schuer, K.M., and **G.A. Boissonneault**, 2010. Interprofessional experiences in physician assistant education, presented at the American Academy of Physician Assistants (AAPA) Annual Meeting, May 28-June 3, 2010, Atlanta, Georgia.

GRANT ACTIVITY:

Recently Submitted, Unfunded Extramural:

- "Physician assistant training in primary care", US Department of Health and Human Services, Health Resources and Services Administration (HRSA), AARA – Training in Primary Care Medicine and

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Dentistry: Physician Assistant Training in Primary Care, submitted May 21, 2010 (total request of \$1,852,062 over 5 year period). Investigators: K.M. Schuer, **G.A. Boissonneault** (Co-Directors).

- “Expansion of the University of Kentucky Physician Assistant Studies Program”, US Department of Health and Human Services, Health Resources and Services Administration (HRSA), Affordable Care Act: Expansion of Physician Assistant Training Program, submitted July 19, 2010 (total request of \$3,635,280 over 5 year period). Investigator: **G.A. Boissonneault** (Project Director).

Approved and Funded - Extramural:

- “Endothelial Cell Damage: Role of Oxysterols”, funded by the American Heart Association/Kentucky Affiliate, July 1, 1987 to June 30, 1988 (\$15,606). P.I.: **G.A. Boissonneault**, Co.I.: B. Hennig.
- “Endothelial cell age, injury and atherosclerosis”, funded by the American Heart Association/Kentucky Affiliate, July 1, 1988 to June 30, 1989 (\$17,100). P.I.: B. Hennig, Co.I.: **G.A. Boissonneault**.
- “Lipoproteins, oxysterols, and atherosclerosis”, funded by the American Heart Association/Kentucky Affiliate, July 1, 1988 to June 30, 1989 (\$17,100). P.I.: **G.A. Boissonneault**, Co.I.: B. Hennig.
- “Optimizing feeder cattle production on endophyte-infected tall fescue”, funded by the Kentucky Beef Cattle Association, June 1, 1988 to May 31, 1989 (\$27,300). Co.I.: **G.A. Boissonneault**, J.A. Boling, N. Gay, G.E. Mitchell.
- “Type of fat as related to endothelial cell injury: Implications in atherosclerosis”, funded by the Kentucky Beef Cattle Association, July 1, 1989 to June 30, 1990 (\$20,000). P.I.: B. Hennig, Co.-P.I.: **G.A. Boissonneault**, W. Means.
- “Fats, microcirculation and platelet-endothelial cells”, funded by the National Institutes of Health, July 1, 1988 to June 30, 1992 (\$436,431). P.I.: G. Bruckner, Co.-P.I.: **G.A. Boissonneault**, C.K. Chow, B. Hennig, D. Richardson.
- “Type of fat as related to endothelial injury: Implications in atherosclerosis”, funded by the National Live Stock & Meat Board, October 1, 1989 to September 30, 1990 (\$18,997). P.I.: B. Hennig, Co.I.: **G.A. Boissonneault**, E. Decker, W. Means.
- “Fish Oil, Vitamin E, and Macrophage Lipoprotein Uptake”, funded by the American Heart Association/Kentucky Affiliate, July 1, 1990 to June 30, 1992 (\$17,190). P.I.: **G.A. Boissonneault**, Co.I.: G. Bruckner, E. Decker, B. Hennig.
- “Type of Fat as Related to Endothelial Injury: Implications in Atherosclerosis”, funded by the National Live Stock & Meat Board (continuation project), July 1, 1990 to February 28, 1992 (\$29,987). P.I.: B. Hennig, Co.I.: **G.A. Boissonneault**, E. Decker, W. Means.
- “Physiology and pathophysiology of the microcirculation”, Program Project funded by the National Institutes of Health, August 29, 1990 to August 30, 1995. Program Project Director: J.N. Diana.
- Project 3: “Lipid-Mediated Endothelial Injury” 9/30/90-9/29/94 (\$353,506). P.I.: B. Hennig, Co-P.I.: **G.A. Boissonneault**, E. Decker, H. Glauert, D. Matulionis.
- Project 5: “Fats, microcirculation and platelet-endothelial cells”, 8/1/89-1/31/94 (\$531,981). P.I.: G. Bruckner, Co.-P.I.: **G.A. Boissonneault**, C.K. Chow, B. Hennig, D. Richardson.
- “Dietary carnosine and breast cancer risk: Protection by red meats?”, funded by the National Live Stock & Meat Board, March 1, 1991 to February 28, 1993 (\$32,411). P.I.: **G.A. Boissonneault**, Co.I.: C.K. Chow, E. Decker, H. Glauert.
- “Oxysterols and risk of atherosclerosis”, funded by the American Heart Association/Kentucky Affiliate, July 1, 1991 to June 30, 1993 (\$28,617). P.I.: **G.A. Boissonneault**, Co.I.: T. Schwarcz.

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- “Fat-mediated endothelial injury: Implications in atherosclerosis”, funded by the National Dairy Council, January 1, 1991 to December 31, 1992 (\$72,792). P.I.: B. Hennig, Co.I.: **G.A. Boissonneault**, E. Decker, W. Means.
- “Preclinical evaluation of intermediate endpoints and their modulation by chemopreventive agents”, Master Agreement Proposal funded by the National Institutes of Health, September 30, 1994 to September 29, 1996 (\$429,017). P.I.: R.C. Gupta, Co.I.: **G.A. Boissonneault**, C.K. Chow, C.G. Gairola, H.P. Glauert, L.W. Robertson, D.K. St. Clair.
- “Fat-mediated endothelial injury: Implications in atherosclerosis”, funded by the National Dairy Council, May 1, 1994 to April 30, 1996 (\$24,885). P.I.: B. Hennig, Co.I.: **G.A. Boissonneault**, B.H. Chung, E. Decker, B.A. Watkins.
- “Zinc nutrition and endothelial cell integrity” funded by the United States Department of Agriculture, July 1, 1997 to June 30, 2000 (\$138,000). P.I.: B. Hennig and **G.A. Boissonneault**, Co.I.: Michal Toborek.
- “Preclinical evaluation of intermediate endpoints and their modulation by chemopreventive agents”, Master Agreement submitted to the National Institutes of Health, June, 1997. Approved eligible to submit proposals in later restricted invitation requests. P.I.: R.C. Gupta and C.G. Gairola, Co.I.: L.W. Robertson, H.P. Glauert, **G.A. Boissonneault**, D.K. St. Clair, C. Chow, K. Poonacha, and M.K. Rayens.
- "Effect of protein and lipids on hepatic lipidosis in cats", funded by the IAMS Company, October 31, 1996 to October 30, 1998 (\$89,000). P.I.: G. Bruckner, Co.I.: **G.A. Boissonneault**.
- “Antioxidant and anti-inflammatory properties of cholesterol”, funded by the American Egg Board, December 15, 1997- December 14, 1998. P.I., B. Hennig, Co.I., **G.A. Boissonneault**, M. Toborek.
- "Assessing the burden of colorectal cancer", funded by the Centers for Disease Control, October 1, 1999 to September 30, 2000 (\$99,628). P.I.: C. Hopenhayn-Rich and T. Tucker, Co.I.: **G.A. Boissonneault**, R. Kryscio.
- “Analysis of arsenic exposure and anemia during pregnancy background”, funded by the US Environmental Protection Agency, May, 19, 2002 to November 30, 2003 (\$60,989). P.I.: C. Hopenhayn-Rich, Co.I.: **G.A. Boissonneault**.
- Center for Biomedical Research Excellence Grant (COBRE), ”Center for the Biologic Basis of Oral/Systemic Diseases (CBBOSD)”, Project 5 “Oral Infections: Dietary regulation of local and systemic inflammatory responses”, funded by the National Institutes of Health, June 1, 2004 to May 31, 2009 (Total direct: \$7,482,560, Total direct for Project 5: \$665,074). COBRE P.I.: J. Ebersole, Project 5: P.I.: D. Dawson, CO.I.: **G.A. Boissonneault**, J. Novak.
- “ROADTRIP – Rural Oral Health Advancement and Delivery Through Interprofessionalism”, funded by US Department of Health and Human Services, Health Resources and Services Administration (HRSA), July 16, 2016 through June 30, 2021. PI: A. Martin, CoI: **G.A. Boissonneault**.
- “Enhanced Practice Transformation and Population Health Training for Interprofessional Trainees and Faculty”, funded by US Department of Health and Human Services, Health Resources and Services Administration (HRSA), July 16, 2016 through June 30, 2021. PI: V. Diaz, CoI: **G.A. Boissonneault**.

Approved and funded - Intramural:

- Graduate College Competitive Research Grant, University of Illinois, June 1977 to May 1978 (\$250). P.I.: **G.A. Boissonneault**.
- “Dietary Fat and Natural Killer Cell Activity in Mice”, funded by the American Cancer Society Institutional Research Grant, University of Wisconsin-Madison, October 1984 to September 1985 (\$3,000). P.I.: **G.A. Boissonneault**.

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- “The Effect of Level and Fatty Acid Composition of Dietary Fat on Induction of Tolerance to Modified-Self Antigens”, funded by the College of Allied Health Professions Research Incentive Fund, University of Kentucky, July 1, 1986 to June 30, 1987 (\$1892). P.I.: **G.A. Boissonneault**.
- “Age-related susceptibility of endothelial cell Injury: Implications in atherosclerosis”, funded by Sanders-Brown Center on Aging, University of Kentucky, March 1, 1987 to February 29, 1988 (\$2,990). P.I.: B. Hennig, Co.I.: **G.A. Boissonneault**.
- “Packard Liquid Scintillation System” (liquid scintillation counter), funded by UK Graduate School, Major Research Equipment (less than \$50,000) Bond Fund, March 17, 1987 (\$25,500). P.I.: **G.A. Boissonneault**.
- “Nutrition and immunity: An interdepartmental approach” (tissue culture equipment), funded by the UK Medical Center Research Fund (Major Research Equipment Grant), November 17, 1987 to November 16, 1988 (\$11,754). P.I.: **G.A. Boissonneault**.
- “Dietary fat effects on regulation of delayed-type hypersensitivity”, funded by the UK Medical Center Research Fund (Small Research Project), December 1, 1988 to November 30, 1989 (\$8,614). P.I.: **G.A. Boissonneault**.
- “Serum lipoprotein isolation via fixed-angle ultracentrifugation” (Ti 70 ultracentrifuge rotor), funded by the UK Medical Center Research Fund (Major Equipment Grant), December 15, 1988 (\$6,075). P.I.: **G.A. Boissonneault**, Co.I.: G. Bruckner.
- “Body composition analysis” (bioelectrical impedance body composition analyzer), funded by the UK Medical Center Research Fund (Major Equipment Grant), December 15, 1988 (\$5,150). P.I.: G. Bruckner, Co.I.: **G.A. Boissonneault**, S. Lewis.
- “Microcirculation and platelet endothelial cells” (ultracentrifuge), funded by the UK Medical Center Research Fund (Major Research Equipment Grant), December 15, 1989 (\$24,000). P.I.: G. Bruckner, Co.I.: **G.A. Boissonneault**.
- “Anti-atherogenic potential of conjugated linoleic acid”, funded by the Multidisciplinary Ph.D. Program in Nutritional Sciences Mini-Grant Program, January 1, 1992 to June 30, 1992 (\$2,000). P.I.: **G.A. Boissonneault**, Co.I.: E. Decker, B. Hennig.
- “UK Major Equipment Initiative: Shimadzu UV160U UV-Visible Recording Spectrophotometer”, funded by the University of Kentucky University-Wide Major Research Equipment Competition, January 1, 1992 to June 30, 1992 (\$8,845.50). P.I.: **G.A. Boissonneault**, Co.I.: G. Bruckner.
- “Development of a model system for evaluating methionine requirements for endothelial cells”, funded by the Multidisciplinary Ph.D. Program in Nutritional Sciences Mini-Grant Program, January 1, 1993 to June 30, 1993 (\$2,037). P.I.: B. Hennig, Co.I., **G.A. Boissonneault**, E. Decker, P. Mercer.
- “HDL phospholipid composition and hepatic lipase activity in the menstrual cycle”, funded to the Multidisciplinary Ph.D. Program in Nutritional Sciences Mini-Grant Program, November 15, 1993 (\$2,500). P.I.: **G.A. Boissonneault**, Co.I.: G. Bruckner, T. Schwarcz.
- “Gas chromatographic identification of lipids”, funded by the University of Kentucky University-Wide Major Research Equipment Competition, July 1, 1994 to December 31, 1994 (\$7,235). P.I.: **G.A. Boissonneault**, Co.I.: G. Bruckner.
- “Antioxidant properties of cholesterol in endothelial cells”, funded by the Multidisciplinary Ph.D. Program in Nutritional Sciences Mini-Grant Program, November 1, 1996 to June 30, 1997 (\$2,000). P.I.: B. Hennig and **G.A. Boissonneault**, Co.I.: M. Toborek.
- “Does cholesterol influence the onset/progression of autoimmune hemolytic anemia?” funded by the UK Medical Center Research Fund, July 15, 2001 to June 30, 2002 (\$14,220). P.I.: **G.A. Boissonneault**, Co.I.: B. Hennig, J. Layne.
- “Interprofessional examination and treatment planning – A medical home project” funded by the UK College of

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Health Sciences Education Enhancement Grant Program, Spring 2010 (\$1,700). Investigators: J. Kuperstein, L. English, **G.A. Boissonneault**, K. Schuer, and S. Powdrill.

- “Physician assistant student clinical education in Santo Domingo, Ecuador” funded by the UK College of Health Sciences Education Enhancement Grant Program, Spring 2010 (\$3,000). Investigators: **G.A. Boissonneault**, D. Rapp.
- “Primary Care and Population Health: The Role of the Patient-Centered Medical Home Interprofessional Team” funded by the MUSC Office of Interprofessional Initiatives, Spring 2016 (\$). Investigators: A. Schreiner, W.P. Moran, E. Brownfield, M. Sylvia, B. Conner, S. Kirk, G.A. Boissonneault.